Attorney's Docket No.: GPSPriv/CP-D1
Client's Ref. No.: 10/714,096

Listing of Claims:

1.   (Original) A system, comprising:

a portable computer having a processor, an information detection part and a

communication part, said portable computer acquiring at least a plurality of items of

information that are sensed by said location detection part, and said communication part

communicating said plurality of items of information to a remote server, and obtaining

current position information, indicative of a user's current position, which position

information is based on said information from said remote server.

2.   (Original) A system as in claim 1, wherein said processor controls

assembling said plurality of items of information into a form having a specified format,

and sending said form to said remote server.

3.   (Original) A system as in claim 2, wherein said form is in an XML format.

4.   (Original) A system as in claim 1, wherein said detection part detects an

indication of whether current information is being received from a satellite positioning as

at least one of said items of information.

5.   (Original) A system as in claim 4, wherein said detection part detects a time since said current information has been acquired as at least one of said items of information.

6.   (Original) A system as in claim 1, wherein said items of information does not include satellite positioning signals or information derived from satellite positioning signals.

7.   (Original) A system as in claim 1, further comprising a computer at said remote server which receives said information, calculates a position based on said information, and returns information indicative of said position to said portable computer.

8.   (Original) A system as in claim 1, wherein said items of information include at least one item with environmental clues.

9.   cancelled.

10.   (Original) A system as in claim 8, wherein item with said environmental clues includes visual information that is detected in an area of said portable computer as at least one of said items of information.

11.   (Original) A system as in claim 8, wherein said item with said environmental clues includes sounds being detected in an area of said portable computer as at least one of said items of information.

12.   (Original) A system as in claim 1, wherein said portable computer includes a cellular telephone.

13.   (Original) A system as in claim 12, wherein said detection part detects information about at least one base station which is communicating with said cellular telephone as at least one of said items of information.

14.   (Currently amended) [[A]] An apparatus, comprising:

a sensor, which senses information from its current location;

a transceiver, which transmits said information and receives dynamically changing positioning information based on said information; and

a processor, which processes said information indicative of the current location based on said dynamically changing positioning information.

15.   (Original) An apparatus as in claim 14, wherein at least one of said items of information does not include satellite positioning signals or information derived from satellite positioning signals.

16.　(Original) A system as in claim 1, further comprising a remote server with a computer which receives said information, calculates a position based on said information, and returns information indicative of said position to said portable computer.

17.　(Currently amended)　A system as in claim [[15]] 16, wherein said at least one items of information include at least one item with environmental clues.

18.　cancelled.

19.　(Original) A system as in claim 17, wherein item with said environmental clues includes visual information that is detected in an area of said portable computer as at least one of said items of information.

20.　(Original) A system as in claim 17, wherein said item with said environmental clues includes sounds being detected in an area of said portable computer as at least one of said items of information.

21.　(Original) An apparatus as in claim 17, wherein said environmental clues include information on the signature of noise which is being received.

22.   (Original) An apparatus as in claim 17, wherein said environmental clues include information about which of a plurality of cellular telephone sites are being communicated with.

23.   (Original) An apparatus as in claim 17, wherein said environmental clues include local sounds.

24.   (Original) An apparatus as in claim 23, wherein said environmental clues include local visual elements.

25.   (Original) An apparatus as in claim 24, further comprising a privacy enhancement element, which prevents said transceiver from transmitting said information indicative of current location.

26.   (Original) An apparatus as in claim 22, wherein said information indicative of a current location is sent as an XML form.

27.   (Original) An apparatus, comprising:

a position location device which obtains information indicative of a current location;

a memory, which stores location information; and

a current location storing element, which is selectively actuated to store current location information into said memory;

a navigation part, operating to allow said apparatus to navigate position based on said

information obtained by said position location device; and

wherein said navigation part allows automatic navigation to a location represented by

said information into said memory, stored by actuating said current location storing

element.

28.   (Original) An apparatus as in claim 27, wherein said navigation part allows

automatic navigation to said information into said memory, stored by actuating said

current location storing element.

29.   (Original) An apparatus as in claim 27, wherein said navigation part is

operative to store a current location responsive to a first actuation of said current

location storing element, and is operative to navigate to said current location responsive

to a second actuation of said current location storing element.

30.   (Original) A method, comprising:

acquiring information about a local area, at the local area;

sending the information over a data channel to a remote server;

using the information at the remote server, to calculate a position of the local area; and

returning information indicative of the position of the local area, to a client in the local

area.

31.   (Original) A method as in claim 30, wherein said information about the local area includes at least one item of the information which is not satellite positioning information or acquired from satellite positioning information.

32.   (Original) A method as in claim 31, wherein said at least one item includes environmental clues about the local area.

33.   (Original) A method as in claim 31, further comprising communicating to a wireless telephone switching network, from said local area.

34.   (Original) A method as in claim 33, wherein said sending and said returning are carried out over said wireless telephone network.

35.   (Original) A method as in claim 33, wherein said at least one item includes information from the wireless telephone switching network.

36.   (Original) A method comprising:

sensing information about a local area of a local processing element;

transmit said information to a remote processing element;

in the remote processing element, calculating a position of the local processing element, based on said information, and sending said position to said local processing element; and

in said local processing element, taking an action based on said position, without calculating said position in said local processing element.

37.   (Original) A method as in claim 36, wherein said taking an action comprises displaying the position at the local processing element.

38.   (Original) A method as in claim 36, wherein said information about the local area includes at least one item of the information which is not satellite positioning information or acquired from satellite positioning information.

39.   (Original) A method as in claim 38, wherein said at least one item includes environmental clues about the local area.

40.   (Original) A method as in claim 36, further comprising communicating to a wireless telephone switching network, from said local area.

41.   (Original) A method as in claim 40, wherein said transmit and said returning are carried out over said wireless telephone network.

42.   (Original) A method as in claim 40, wherein said at least one item includes information from the wireless telephone switching network.